

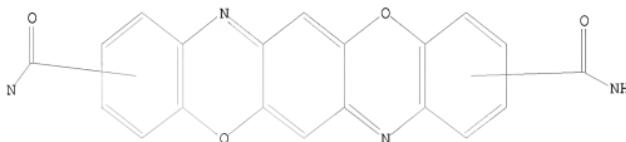
Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
 20:Atom 21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
 28:CLASS 29:Atom 30:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 08:38:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS
 SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 286 TO 954
 PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 sss full
 FULL SEARCH INITIATED 08:38:13 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 514 TO ITERATE

100.0% PROCESSED 514 ITERATIONS 25 ANSWERS
 SEARCH TIME: 00.00.01

L3 25 SEA SSS FUL L1

=> file caplus
 COST IN U.S. DOLLARS SINCE FILE
 ENTRY TOTAL
 FULL ESTIMATED COST 178.36 SESSION
 178.57

FILE 'CAPLUS' ENTERED AT 08:38:17 ON 12 DEC 2008
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FILE COVERS 1907 - 12 Dec 2008 VOL 149 ISS 25
FILE LAST UPDATED: 11 Dec 2008 (20081211/ED)

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=> s 13
L4          7 L3
=> d ibib abs hitstr tot
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LA ANSWER 1 OF 7 CARLOS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 143123304

DOCUMENT NUMBER: 143123304

TITLE: Triphenodioxazine pigments.

INVENTOR(S): Niles, David; Plego, Christian; Kelpem, Tanja

PATENT ASSIGNEE(S): Clariant G.m.b.H., Germany

SOURCE: PCT Int'l Appl.; 27 pp.

CODE: PCT005

PATENT TYPE: patent

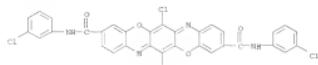
LANGUAGES: German

FAMILY ACC. NUM. COUNT: 1

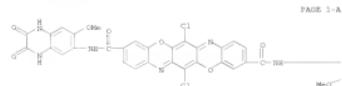
PATENT INFORMATION:

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14 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)



842367-49-4 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D- π (1,2,3,4-tetrahydro-7-methoxy-2,3-dioxo-6-
quinoxalinyl)- (CA INDEX NAME)

PAGE 1-A
PAGE 1-B

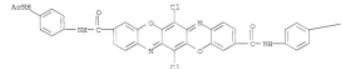
842367-49-4 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D-bis(2,3-dihydro-1-oxo-1H-benzimidazol-5-yl)-
(CA INDEX NAME)

14 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

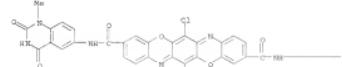
PAGE 1-B



842367-51-3 CAPLUS
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H2D-H2O-bis(4-(acetylaminophenyl)-6,13-dichloro- η - (CA INDEX NAME)

PAGE 1-A
PAGE 1-B

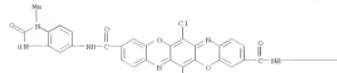
842367-52-0 CAPLUS
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6,13-dichloro- η -H2D- π (1,2,3,4-tetrahydro-1-methyl-2,3-dioxo-6-
quinoxalinyl)- (CA INDEX NAME)

PAGE 1-A
PAGE 1-B

842367-54-2 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D-bis(4-methylphenyl)- (CA INDEX NAME)

14 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A

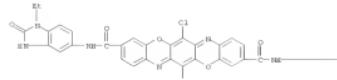


PAGE 1-B



842367-52-0 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D-bis(3-ethyl-2,3-dihydro-1H-benzimidazol-5-yl)-
(CA INDEX NAME)

PAGE 1-A

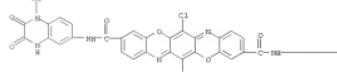


PAGE 1-B



842367-52-0 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D-bis(1,2,3,4-tetrahydro-1-methyl-2,3-dioxo-6-
quinoxalinyl)- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



842367-52-0 CAPLUS
CN 3,10-Triphenylenediaminecarboxamide,
6,13-dichloro- η -H2D-bis(4-methylphenyl)- (CA INDEX NAME)

LA ANDERSON T OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 135158023 CAPLUS

DOCUMENT NUMBER: 45158023

ORIGINAL REFERENCE NO.: 45158023

TITLE: Sulfer dyes of the dioxazine series

INVENTOR(S): Stalmans, Otto; Robbins, Gordon R.

PUBLICATION NUMBER(S): 1,300,007 du Pont de Nemours & Co.

DOCUMENT TYPE: Patent

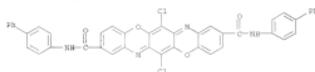
LANGUAGE: English

UNAVAILABLE

FAMILY SIZE: 100,000

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2,442,892		1948-09-01	135158023	1948-09-01
AB Smp. N,N'-diaryltriphenoxydiaminocarboxamide can be converted into sulfer dyes of desirably red shades by reaction with AlCl3.2SCl3 complex at 0°. The product is then sulfurized with NaHS to form the aetyl sulfide. 3-nitro-4-methoxybenzoic acid 12 are condensed in the presence of SOCl2 and the nitro group is reduced with NaBH to form the aenyl amine of 3-nitro-4-methoxybenzoic acid 13.				
EXAMPLE 1 2.3 g. of compound 4,13-dihydro-9-(phenoxymethoxy)-3,5-dioxoheptadecane, 1.5 g. NaBH, 1.5 g. AlCl3.2SCl3 and 10 ml. EtOH are stirred together for several hrs. at 0°-10° to form AlCl3.2SCl3. Then sulfuring complex 17 and 1,10 are allowed to react for 30 min. at 80°, dissolved in ice water 1000 containing NaCl 50, and stirred until the excess of sulfuring agent decomposed. The basic is filtered, the precipitate is washed and extracted at 85° with 10% aqueous alkali solution 1500 parts, filtered, washed alkali-free, and dried at 85°. The product smp. cotton reddish orange from a benzene vat. The 5,5'-dioxoheptadecane isomerizes with 3 after sulfuration to a yellow vat. The 5,5'-dioxoheptadecane isomerizes with 3 after sulfuration to a yellow vat.				
IT 6,13-dichloro-4',4''-diphenyl-				
SMP. 6,13-dichloro-4',4''-diphenyl-				
CB 2,9-Triphenoxydiaminocarboxamide, H2,NH-bis([1,1'-biphenyl]-4-yl)-6,13-dichloro- (CA INDEX NAME)				



LA ANDERSON T OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)